

Amendments to the Claims

1-12. (CANCELLED)

13. (NEW) A process for producing a modified particle (A), which contains a step consisting essentially of contacting the following (a), (b) and (c):

(a) a compound represented by the formula [1],



(b) a compound represented by the formula [2],



(c) a particle,

wherein m is a numeral corresponding to the valence of Bi; L^1 is a hydrogen atom, a halogen atom, a hydrocarbon group or a hydrocarbon oxy group, and when more than one L^1 exist, they may be the same as or different from one another; R^1 is an electron-withdrawing group or an electron-withdrawing group-containing group, and when more than one R^1 exist, they may be the same as or different from one another; T represents a non-metal atom of Group 15 or 16 of the periodic table; t is a numeral corresponding to the valence of T; and n is an integer of 1 to t excluding 2.

14. (NEW) The process for producing a modified particle (A) according to Claim 13, wherein T is an oxygen atom.

15. (NEW) The process for producing a modified particle (A) according to Claim 13, wherein R^1 is a halogenated hydrocarbon group.

16. (NEW) The process for producing a modified particle (A) according to Claim 13, wherein m is 3.

17. (NEW) A process for producing a catalyst component for addition polymerization, which contains a step consisting essentially of contacting the following (a), (b) and (c):

(a) a compound represented by the formula [1],



(b) a compound represented by the formula [2],



(c) a particle,

wherein m is a numeral corresponding to the valence of Bi; L^1 is a hydrogen atom, a halogen atom, a hydrocarbon group or a hydrocarbon oxy group, and when more than one L^1 exist, they may be the same as or different from one another; R^1 is an electron-withdrawing group or an electron-withdrawing group-containing group, and when more than one R^1 exist, they may be the same as or different from one another; T represents a non-metal atom of Group 15 or 16 of the periodic table; t is a numeral corresponding to the valence of T; and n is an integer of 1 to t excluding 2.

18. (NEW) The process for producing a catalyst component for addition polymerization according to Claim 17, wherein T is an oxygen atom.

19. **(NEW)** The process for producing a catalyst component for addition polymerization according to Claim 17, wherein R^1 is a halogenated hydrocarbon group.

20. **(NEW)** The process for producing a catalyst component for addition polymerization according to Claim 17, wherein m is 3.

21. **(NEW)** A process for producing a catalyst for addition polymerization, which comprises the steps of:

- producing a catalyst component for addition polymerization by the process according to claim 17; and
- contacting the catalyst component for addition polymerization with a transition metal compound (B) of Groups 3 to 11 or lanthanide series.

22. **(NEW)** The process for producing a catalyst for addition polymerization according to claim 21, wherein the transition metal compound (B) of the Groups 3 to 11 or lanthanide series is a metallocene compound.

23. **(NEW)** A process for producing a catalyst for addition polymerization, which comprises the steps of:

- producing a catalyst component for addition polymerization by the process according to claim 17; and

- contacting the catalyst component for addition polymerization with a transition metal compound (B) of Groups 3 to 11 or lanthanide series and an organoaluminum compound (C).

24. **(NEW)** The process for producing a catalyst for addition polymerization according to claim 23, wherein the transition metal compound (B) of the Groups 3 to 11 or lanthanide series is a metallocene compound.

25. **(NEW)** A process for producing an addition polymer, which comprises the step of polymerizing an addition polymerizable monomer with a catalyst for addition polymerization produced by the process according to claim 21.

26. **(NEW)** The process for producing an addition polymer according to Claim 25, wherein the addition polymerizable monomer is an olefin.

27. **(NEW)** The process for producing an addition polymer according to Claim 25, wherein the addition polymerizable monomer is a mixture of ethylene with an α -olefin.

28. **(NEW)** A process for producing an addition polymer, which comprises the step of polymerizing an addition polymerizable monomer with a catalyst for addition polymerization produced by the process according to claim 23.

29. **(NEW)** The process for producing an addition polymer according to Claim 28, wherein the addition polymerizable monomer is an olefin.

30. **(NEW)** The process for producing an addition polymer according to Claim 28, wherein the addition polymerizable monomer is a mixture of ethylene with an α -olefin.